	rangements for UG Cable of 1.1 KV class (P.NO - 555, I.NO - 15 (b), BWSSB SR 13-14)	Mtr							
			1	10.00			10.00	294.58	**2946.00**
	Basic Rate	286.00							
	3% area weightage	8.58							
	Total	**294.58**							
26	Supplying and fixing wiring earth electrode for grounding conduits, IC cutouts and other equipments on the meter board using 40mm dia 2.90 mm thick GI pipe 2.5 mtr long buried in a pit,/ the pit should be filled with equal proportion of salt and charocal 150 mm alround the pipe to complete depth the connections from the pipe to the conduit etc,. is to be established though GI wire of size as per ISI specification 7.3.3 of ISI 732 using 12mm dia boalts, nuts washers and checknuts etc,. the pipe shall have 16 through holes of 122mm dia (P.NO - 552, I.NO - 7 , BWSSB SR 13-14)	No's							
			1				1.00	1699.50	**1700.00**
	Basic Rate	1650.00							
	3% area weightage	49.50							
	Total	**1699.50**							
27	Supply and fixing LT cast iron pot heads suitable for 1.1 KV class 16 sqmmUG cable filled with necessary bitumen/ insulating compound complete with terminals, clamps, bolts nuts and washers etc, (P.NO - 555, I.NO - 16 (b) , BWSSB SR 13-14)	No's							
			1				1.00	271.92	**272.00**
	Basic Rate	264.00							
	3% area weightage	7.92							
	Total	**271.92**							
28	Supplying shunt capacitor's confirming to IS 2834, 3phase 400/440 volts grade for power factor improvement of roating machinery capacitor in KVAR rating No's. (MR)	No's							
			1				1.00	1350.00	**1350.00**
29	Providing and fixing Gun Metal Gate wheel valve confirming to IS specification of approved make as per direction including all lead and lift etc,. Complete. 50mm dia (P.NO - 103, I.NO - 13.79.6, PWD SR 13-14)	No's							
			1	3.00			3.00	1515.80	**4547.00**
	Basic Rate	1430.00							
	6% area weightage	85.80							
	Total	**1515.80**							

	less than 15mm thick plank on both planks made out on not more than 2 and fixing the same to wall using tapered wooden plugs screws etc., Size 20 x 20 inches (P.NO - 521, I.NO - 2 (f), BWSSB 13-14)	No's								
			1				1.00	311.58	312.00	
	Basic Rate	302.50								
	3% area weightage	9.08								
	Total	**311.58**								
31	KPTCL Deposit charges	No's	1				1.00	15000.00	15000.00	
	Cistren Tank									
32	Providing and laying reinforced cement concrete pipe NP3 for culverts including pointing ends, and fixing collars with cement mortar 1:2 and including cost of all materials, labour, curing complete as per specifications, specification No. KSRB 1000, 2300 MOST specification1000/2300, 1200mm dia, , No. 257 Item No. 34.6.6 PWD SR 2011-12	Mtrs								
			1	2.50			2.50	9087.12	22718.00	
	Basic Rate	8414.00								
	Area Weightage @ 8%	673.12								
	Total	**9087.12**								
33	KSRB 2-2.1 : earth work excavation for foundation of buildings, culverts water supply, sanitary line and electrical conduits either in pits or in trenches 1.5m and above in width, in **Hard soil** not exceeding 1.5m, in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m, after breaking of clods complete as per specifications, specification, No. KBS 2.1(a) / 2.3.5, No. 5/ Item No. 2.4/ PWD SR 2013-14	Cum								
			1	1.50	1.50	0.75	1.69	227.88	385.00	
	Basic Rate	211.00								
	Area Weightage @ 8%	16.88								
	Total	**227.88**								
34	KSRB-4-1.3 : Providing and laying in position **plain cement concrete of mix M 7.5** withOPC cement at 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1.4.2, No. 12/ Item No. 4.3/ PWD SR 2012-13 7	Cum								
			1	3.70	3.70	0.15	2.05	4290.84	8811.00	
	Basic Rate	3973.00								
	Area Weightage @ 8%	317.84								
	Total	**4290.84**								

	Size stone masonry **in foundation** mortar 1:6, stone hammerd dressed courses not less than 20 cms high, bond at two m. apart in each course including of materials, labour, curing complete as per specifications.KBS 5.1.13 Page No. 25/ Item No. 5.6/ PWD SR 2013-14	cum							
	For Foundation		1	1.50	1.50	0.60	1.35		
							1.35	3549.96	4792.00
	Basic Rate	3287.00							
	Area Weightage @ 8%	262.96							
	Total	**3549.96**							
36	KSRB 5.3-3 Providing and constructing granite / trap / basalt size stone masonry **in basement** with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5-1.13 Page No. 26/ Item No. 5.9/ PWD SR 2013-14	Cum							
			1	1.50	1.50	0.60	1.35	4227.12	5707.00
	Basic Rate	3914.00							
	Area Weightage @ 8%	313.12							
	Total	**4227.12**							
37	KSRB-4-1.6 : Providing and laying in position plain cement concrete of mix **M15** withOPC cement @ 240kgs. with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @0.459cum machine mixed, concrete laid in layers not, exceeding 15cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1.4.2/ P.No. 12/ Item No. 4.6/ PWD SR 2013-14	Cum							9796
			1	3.70	3.70	0.15	2.05	4779.00	9814.00
	Basic Rate	4425.00							
	Area Weightage @ 8%	354.00							
	Total	**4779.00**							
38	KSRB 15.1.3: Providing **FLush pointing** to coursed stone masonry with cement mortar 1:3, 20 mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. Page No. 122/ Item No. 15.1/ PWD SR 2013-14	Sqm							
			4	1.50		0.60	3.60	79.92	288.00
	Basic Rate	74.00							
	Area Weightage @ 8%	5.92							
	Total	**79.92**							

	...ing and fixing pre cast solid cement ...crete kerb stones made out of C.C 1:2:4 with ... and bottom width 114 and 165mm ...pectively, 400mm high and 450mm in length ...inished with CM 1:3 plastering and finishing ...uring, including formwork curing, including, cost of all materials, labour hire charges of machinery, loading unloading, lead and lift, transportation etc. complete. Page No. 28/ Item No. 5.30/ PWD SR 2013-14	No.							
			30				30.00	267.84	8035
	Basic Rate	248.00							
	Area Weightage @ 8%	19.84							
	Total	**267.84**							
40	Elbow, Page No. XXXV PWD SR-2013-14	No	6				6.00	111.80	671.00
41	Tee Page No. XXXV PWD SR-2013-14		6				6.00	169.00	1014.00
42	Union Page No. XXXV PWD SR-2013-14		7				7.00	223.70	1566.00
43	Nipple Page No. XXXV PWD SR-2013-14		6				6.00	104.30	626.00
44	KSRB 13-6.3-6: Providing and fixing in position brass gate valve with C.I. wheel of approved quality (screwed end) 50mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No. KBS 13.2.6 / 13.3 Page No. 97/ Item No. 13.37 / PWD SR 2011-12	**Each**							
			2				2	1493.00	2986.00
45	Labour Charges for giving 50mm dia G.I Pipe end connection from rising main to cistern including cutting thereasding conceying laying an d jointing etc, complete inclusive of fixing 4 Nos. of 20mm dia G.I Pipess with taps to the cistern PRED SR-12-13 (P No. 19 I No. 3.13)	Each							
			1				1.00	1388.00	1388.00
46	Errection of RCC Hume pipe pump house/Cistern on size stone masory platform including trasportation charges and handing with all necessary tools and plants complete as directed by the Engineer in charge of work. PRED SR 2012-13 (p No. 20 I No. 3.17)	Each							
			1				1.00	1220.00	1220.00
	PVC Pipe Line								
47	Earth work excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5m , in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m. specification, specification. No. KBS 2.1(b) / 2.3.5, **No. 5/ Item No. 2.4/ PWD SR 2013-14**	Cum							
	For Pipe Line		1	585.00	0.60	0.75	263.25	227.88	59989.00
	Basic Rate	211.00							
	Area Weightage @ 8%	16.88							
	Total	**227.88**							

	line, level and perfect linking at joints, leak proof including jointing encasing the pipe alround to a depth Not less than 15cm with grave or selected earth avalabile from the execavation Etc., 75 MM Dia Page No.14 item No.3.4.2 b PRED SR 2010-11.			
	75 mm dia			
49	KSRB 2-4 : Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50mm, and lift upto 1.5m, including cost of all labour complete as per specifications, No. 6/ Item No. 2.11/ PWD SR 2013-14	Cum		
	Basic Rate	56.00		
	Area Weightage @ 6%	3.36		
	Total	**59.36**		
50	Miscellaneous and Unforeseen Charges	L/S		

(Rupees Eight Laksh Only)

CERTIFICATE :

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per PWD SR 2013-14 and PRED SR 2012-13
4 The provisions were made in this estimate are necessary and adequate.
5 This works come under B.B.M.P. limits.

Assistant Engineer
Asst. Executive Engineer
Yeshwanthpura Sub-Division
Bruhat Bangalore Mahanagara Palike

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Rajarajeshwarinagara Division

Assistant Executive Engineer
Asst. Executive Engineer
Yeshwanthpura Sub-Division
Bruhat Bangalore Mahanagara Palike

ADMINISTRATIVE APPROVED

Rs : 8,00,000/- (Rupees Eight lakh only) is accorded under the head : P-2178

By AC (R.R.N.) : Sl.No.2952

Vide Register Page No. 86-87 subject to conditions contained in inclosed memo No. : AS/2952/13-14 Date : 05/03/14

TA. AC (R.R.N.)

ನಂ.: 13 ದಿನಾಂಕ: 16-6-14

ರೂ. 800000=00 (Eight lakh only)

ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ.

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ರಾಜರಾಜೇಶ್ವರಿ
ನಗರ ವಿಭಾಗ, ಬೆಂಗಳೂರು